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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known					
Application Number	10/038,150				
Filing Date	January 4, 2002				
First Named Inventor	Jeffrey A. Sturgill				
Art Unit	1742				
Examiner Name	Kastler, Scott R.				

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er Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US-4,012,195	03-15-1977	Noack	
	US-4,096,090	06-20-1978	Noack	
	US-4,479,917	10-30-1984	Rothgery et al	
	US-5,298,092	03-29-1994	Schriever	
	US-5,378,293	01-03-1995	Schriever	
	US-5,411,606	05-02-1995	Schriever	
	US-5,415,687	05-16-1995	Schriever	
	US-5,468,307	11-21-1995	Schriever	
	US-5,472,524	12-05-1995	Schriever	
	US-5,487,949	01-30-1996	Schriever	
.	US-5,551,994	09-03-1996	Schriever	
	US-5,873,953	02-23-1999	Schriever	
	US-6,432,225 B1	08-13-2002	Schriever	
	US-6,500,276 B1	12-31-2002	Minevski et al	
	eet Cite No.	Cite No. 1  Number-Kind Code <sup>2 (# known)</sup> US-4,012,195  US-4,096,090  US-4,479,917  US-5,298,092  US-5,378,293  US-5,411,606  US-5,415,687  US-5,468,307  US-5,468,307  US-5,472,524  US-5,487,949  US-5,551,994  US-5,873,953  US-6,432,225 B1	U. S. PATEN  er Cite No. 1  Number-Kind Code <sup>2 (d known)</sup> US-4,012,195  US-4,096,090  US-4,479,917  US-4,479,917  US-5,298,092  US-5,378,293  US-5,411,606  US-5,411,606  US-5,415,687  US-5,468,307  US-5,468,307  US-5,472,524  US-5,487,949  US-5,551,994  US-5,873,953  US-6,432,225 B1  US-6,432,225 B1  Publication Date MMN-DD-YYYY  NG-20-1978  US-4,012,195  US-5,298,092  03-29-1994  05-02-1995  US-5,468,307  US-5,468,307  US-5,472,524  US-5,551,994  US-5,873,953  US-6,432,225 B1  08-13-2002	Cite   Document Number   Publication Date   MM-DD-YYYY   Applicant of Cited Document

		FORE	IGN PATENT DOC	UMENTS		
Examiner Cit Initials* No		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	_
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	1
SK		WO 98/51841	11-19-1998	Henkel Corporation		
- 1		WO 96/21753	07-18-1996	Henkel Corporation		
		WO 93/05198	03-18-1993	Henkel Corporation	1 - 1	
		WO 96/05335	02-22-1996	Boeing Company, The		
		WO 94/00619	01-06-1994	Boeing Company, The		
		EP 0 458 020 A1	11-27-1991	Boeing Company, The		
SIC		EP 0 488 430 A2	06-03-1992	Boeing Company, The		

Examiner Signature	S. Kast	-100	Date Conside	ered 11/06

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First Named Inventor	Jeffrey A. Sturgill	•		
Art Unit	1742			
Examiner Name	Kastler, Scott R.			

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SK		US-5,587,0	59		12-24-19	96	Yamoto	et al			
sk		US-2003/02	21590	) A1	12-04-20	003	Sturgill	et al			
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5K		EP 0 634 460 A	A2				-1995	Albright & Wils	on Ltd	\	
		GB 2 138 796					-1984	J B King			
		GB 2 139 206					-1984	J B King			_
		DE 33 09 194					-1983	VEB Leuna-We		\\	_
ςĸ		EP 0 675 173 A	A2			10-04	-1995	Merck Patent G	mbH	\\	L

Examiner Signature	S. Kastler	 Date Considered	11/06	

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Examiner Name	Scott Kastler			
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			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SK		US-1,078,788	11-18-1913	Kaplan	
		US-1,216,451	02-20-1917	Holmes	
		US-3,055,833	09-25-1962	Baltzer	
		US-3,615,810	10-26-1971	Holznagel et al	
		US-3,879,523	04-22-1975	Miyata et al	
	<u> </u>	US-4,024,036	05-17-1977	Nakamura et al	
1	<u> </u>	US-4,469,521	09-04-1984	Salensky	
514	<u> </u>	US-5,672,329	09-30-1997	Okada et al	
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		FOREI	GN PATENT DOCU	IMENTS		
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PTO/SB/08A (07-05)

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Art Unit	1742			
Examiner Name	Scott R. Kastler			
Attorney Docket Number	TIVID 0200 DA			

U. S. PATENT DOCUMENTS								
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SK		US-4,109,176	08-22-1978	Ernstausen et al				
SIC		US-6,472,079 B2	10-29-2002	Hayashi et al				
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Signature	J. Kastler	Considered \ \\ / (	)6

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